

690  
1019

OIPE

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/777,732

DATE: 10/29/2001

TIME: 15:20:42

Input Set : A:\SEQUENCE LISTING.TXT

Output Set: N:\CRF3\10292001\I777732.raw

4 <110> APPLICANT: Avihingsanon, Yingyos  
 5 Ma, Nalli  
 6 Strom, Terry  
 7 Soares, Miguel C.  
 8 Ferran, Chrisiane  
 9 Manikkam, Suthanthiran  
 11 <120> TITLE OF INVENTION: MEASUREMENT OF PROTECTIVE GENES IN ALLOGRAFT REJECTION  
 13 <130> FILE REFERENCE: 01948-059001  
 15 <140> CURRENT APPLICATION NUMBER: US 09/777,732  
 C--> 16 <141> CURRENT FILING DATE: 2001-02-06 ✓  
 18 <160> NUMBER OF SEQ ID NOS: 41  
 20 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 20  
 24 <212> TYPE: DNA ✓  
 25 <213> ORGANISM: Artificial Sequence ✓  
 27 <220> FEATURE:  
 28 <223> OTHER INFORMATION: Synthetically generated primer ✓  
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 31 ggtgaagggtc ggagtcaacg 20  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 20  
 35 <212> TYPE: DNA ✓  
 36 <213> ORGANISM: Artificial Sequence ✓  
 38 <220> FEATURE:  
 39 <223> OTHER INFORMATION: Synthetically generated primer ✓  
 41 <400> SEQUENCE: 2  
 42 caaagtgtc atggatgacc 20  
 44 <210> SEQ ID NO: 3  
 45 <211> LENGTH: 20  
 46 <212> TYPE: DNA ✓  
 47 <213> ORGANISM: Artificial Sequence ✓  
 49 <220> FEATURE:  
 50 <223> OTHER INFORMATION: Synthetically generated primer ✓  
 52 <400> SEQUENCE: 3  
 53 cctctggagg aagtgtctaaa 20  
 55 <210> SEQ ID NO: 4  
 56 <211> LENGTH: 20  
 57 <212> TYPE: DNA ✓  
 58 <213> ORGANISM: Artificial Sequence ✓  
 60 <220> FEATURE:  
 61 <223> OTHER INFORMATION: Synthetically generated primer ✓  
 63 <400> SEQUENCE: 4  
 64 atggttgctg tctcatcagc 20  
 66 <210> SEQ ID NO: 5  
 67 <211> LENGTH: 21  
 68 <212> TYPE: DNA ✓

ENTERED

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69 <213> ORGANISM: Artificial Sequence  
71 <220> FEATURE:  
72 <223> OTHER INFORMATION: Synthetically generated primer ✓  
74 <400> SEQUENCE: 5  
75 ttctacagcc accatgagaa g 21  
77 <210> SEQ ID NO: 6  
78 <211> LENGTH: 21  
79 <212> TYPE: DNA  
80 <213> ORGANISM: Artificial Sequence  
82 <220> FEATURE:  
83 <223> OTHER INFORMATION: Synthetically generated primer ✓  
85 <400> SEQUENCE: 6 21  
86 cagctcgaac actttgaata t  
88 <210> SEQ ID NO: 7  
89 <211> LENGTH: 25  
90 <212> TYPE: DNA  
91 <213> ORGANISM: Artificial Sequence  
93 <220> FEATURE:  
94 <223> OTHER INFORMATION: Synthetically generated primer ✓  
96 <400> SEQUENCE: 7 25  
97 tttaggtata tctttggact tcctc  
99 <210> SEQ ID NO: 8  
100 <211> LENGTH: 21  
101 <212> TYPE: DNA  
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104 <220> FEATURE:  
105 <223> OTHER INFORMATION: Synthetically generated primer ✓  
107 <400> SEQUENCE: 8 21  
108 gtgttcttta gtgcccatca a  
110 <210> SEQ ID NO: 9  
111 <211> LENGTH: 18  
112 <212> TYPE: DNA  
113 <213> ORGANISM: Artificial Sequence  
115 <220> FEATURE:  
116 <223> OTHER INFORMATION: Synthetically generated primer ✓  
118 <400> SEQUENCE: 9 18  
119 tctcttggca gccttcct  
121 <210> SEQ ID NO: 10  
122 <211> LENGTH: 24  
123 <212> TYPE: DNA  
124 <213> ORGANISM: Artificial Sequence  
126 <220> FEATURE:  
127 <223> OTHER INFORMATION: Synthetically generated primer ✓  
129 <400> SEQUENCE: 10  
130 aattctcagc ctcttcaaaa actt 24  
132 <210> SEQ ID NO: 11  
133 <211> LENGTH: 18  
134 <212> TYPE: DNA  
135 <213> ORGANISM: Artificial Sequence

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137 <220> FEATURE:  
138 <223> OTHER INFORMATION: Synthetically generated primer  
140 <400> SEQUENCE: 11  
141 gccgtggagc aggtgaag  
143 <210> SEQ ID NO: 12  
144 <211> LENGTH: 18  
145 <212> TYPE: DNA  
146 <213> ORGANISM: Artificial Sequence  
148 <220> FEATURE:  
149 <223> OTHER INFORMATION: Synthetically generated primer  
151 <400> SEQUENCE: 12  
152 aagcccagag acaagata  
154 <210> SEQ ID NO: 13  
155 <211> LENGTH: 20  
156 <212> TYPE: DNA  
157 <213> ORGANISM: Artificial Sequence  
159 <220> FEATURE:  
160 <223> OTHER INFORMATION: Synthetically generated primer  
162 <400> SEQUENCE: 13  
163 ccgtggctt gagtaatgag  
165 <210> SEQ ID NO: 14  
166 <211> LENGTH: 19  
167 <212> TYPE: DNA  
168 <213> ORGANISM: Artificial Sequence  
170 <220> FEATURE:  
171 <223> OTHER INFORMATION: Synthetically generated primer  
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174 cagattctgt tacattccc  
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178 <212> TYPE: DNA  
179 <213> ORGANISM: Artificial Sequence  
181 <220> FEATURE:  
182 <223> OTHER INFORMATION: Synthetically generated primer  
184 <400> SEQUENCE: 15  
185 ggaggccata gtgaagg  
187 <210> SEQ ID NO: 16  
188 <211> LENGTH: 17  
189 <212> TYPE: DNA  
190 <213> ORGANISM: Artificial Sequence  
192 <220> FEATURE:  
193 <223> OTHER INFORMATION: Synthetically generated primer  
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198 <210> SEQ ID NO: 17  
199 <211> LENGTH: 17  
200 <212> TYPE: DNA  
201 <213> ORGANISM: Artificial Sequence  
203 <220> FEATURE:

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204 <223> OTHER INFORMATION: Synthetically generated primer  
 206 <400> SEQUENCE: 17  
 207 cggtcacac tcacagg 17  
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 212 <213> ORGANISM: Artificial Sequence  
 214 <220> FEATURE:  
 215 <223> OTHER INFORMATION: Synthetically generated primer  
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 220 <210> SEQ ID NO: 19  
 221 <211> LENGTH: 24  
 222 <212> TYPE: DNA  
 223 <213> ORGANISM: Artificial Sequence  
 225 <220> FEATURE:  
 226 <223> OTHER INFORMATION: Synthetically generated primer  
 228 <400> SEQUENCE: 19  
 229 gggaaagctc cataatgtc acct 24  
 231 <210> SEQ ID NO: 20  
 232 <211> LENGTH: 24  
 233 <212> TYPE: DNA  
 234 <213> ORGANISM: Artificial Sequence  
 236 <220> FEATURE:  
 237 <223> OTHER INFORMATION: Synthetically generated primer  
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 240 tacacacacaag agggcctcca gagt 24  
 242 <210> SEQ ID NO: 21  
 243 <211> LENGTH: 18  
 244 <212> TYPE: DNA  
 245 <213> ORGANISM: Artificial Sequence  
 247 <220> FEATURE:  
 248 <223> OTHER INFORMATION: Synthetically generated primer  
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 251 gcttgtgtct ccttgtga 18  
 253 <210> SEQ ID NO: 22  
 254 <211> LENGTH: 18  
 255 <212> TYPE: DNA  
 256 <213> ORGANISM: Artificial Sequence  
 258 <220> FEATURE:  
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 261 <400> SEQUENCE: 22  
 262 gccacccttc ttatactt 18  
 264 <210> SEQ ID NO: 23  
 265 <211> LENGTH: 20  
 266 <212> TYPE: DNA  
 267 <213> ORGANISM: Artificial Sequence  
 269 <220> FEATURE:  
 270 <223> OTHER INFORMATION: Synthetically generated primer

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Input Set : A:\SEQUENCE LISTING.TXT  
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272 <400> SEQUENCE: 23  
273 ctgcggatct ctgtgtcatt 20  
275 <210> SEQ ID NO: 24  
276 <211> LENGTH: 20  
277 <212> TYPE: DNA  
278 <213> ORGANISM: Artificial Sequence  
280 <220> FEATURE:  
281 <223> OTHER INFORMATION: Synthetically generated primer  
283 <400> SEQUENCE: 24 20  
284 ctcagagtgt tgctatggtg  
286 <210> SEQ ID NO: 25  
287 <211> LENGTH: 22  
288 <212> TYPE: DNA  
289 <213> ORGANISM: Artificial Sequence  
291 <220> FEATURE:  
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294 <400> SEQUENCE: 25  
295 ccagagcatc caaaagagtg tg 22  
297 <210> SEQ ID NO: 26  
298 <211> LENGTH: 22  
299 <212> TYPE: DNA  
300 <213> ORGANISM: Artificial Sequence  
302 <220> FEATURE:  
303 <223> OTHER INFORMATION: Synthetically generated primer  
305 <400> SEQUENCE: 26  
306 ctatggcc cctgagataa ag 22  
308 <210> SEQ ID NO: 27  
309 <211> LENGTH: 20  
310 <212> TYPE: DNA  
311 <213> ORGANISM: Artificial Sequence  
313 <220> FEATURE:  
314 <223> OTHER INFORMATION: Synthetically generated primer  
316 <400> SEQUENCE: 27  
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321 <212> TYPE: DNA  
322 <213> ORGANISM: Artificial Sequence  
324 <220> FEATURE:  
325 <223> OTHER INFORMATION: Synthetically generated primer  
327 <400> SEQUENCE: 28  
328 tttcacattc tggctctgtt gg 22  
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331 <211> LENGTH: 20  
332 <212> TYPE: DNA  
333 <213> ORGANISM: Artificial Sequence  
335 <220> FEATURE:  
336 <223> OTHER INFORMATION: Synthetically generated primer  
338 <400> SEQUENCE: 29

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/09/777,732

DATE: 10/29/2001

TIME: 15:20:43

Input Set : A:\SEQUENCE LISTING.TXT

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L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date